

FIG 1A

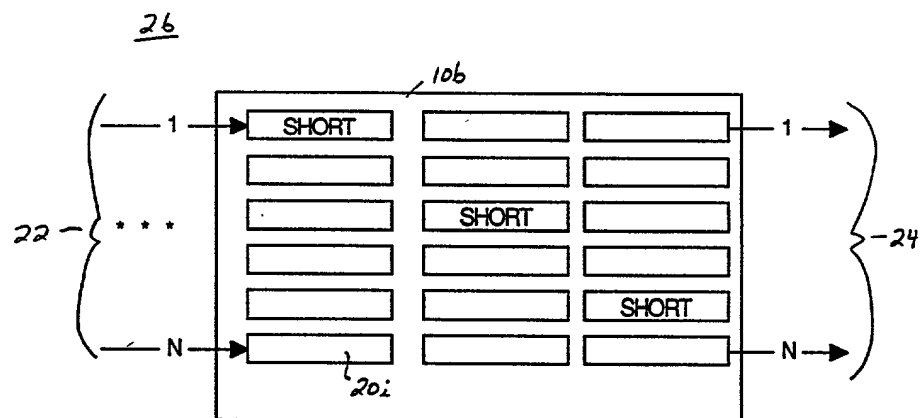


FIG 1B

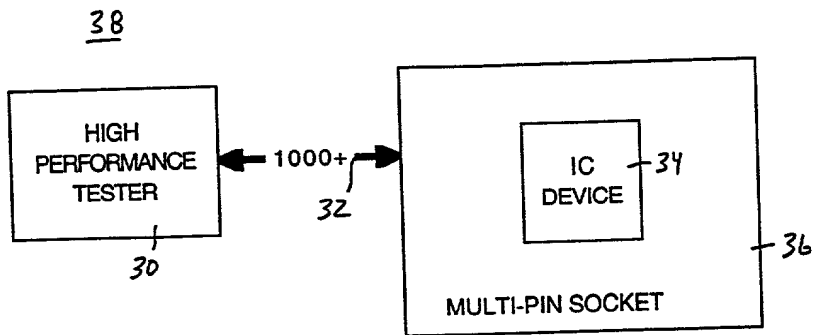


FIG. 1C

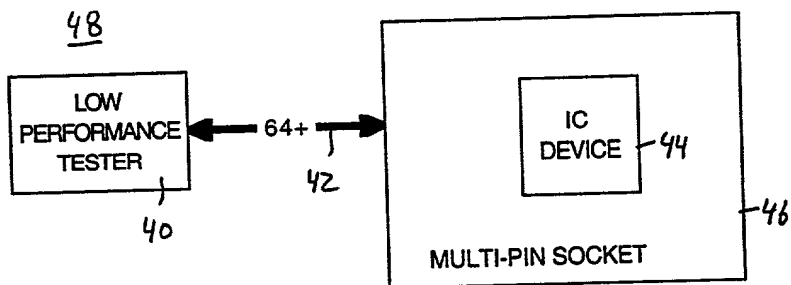


FIG. 1D

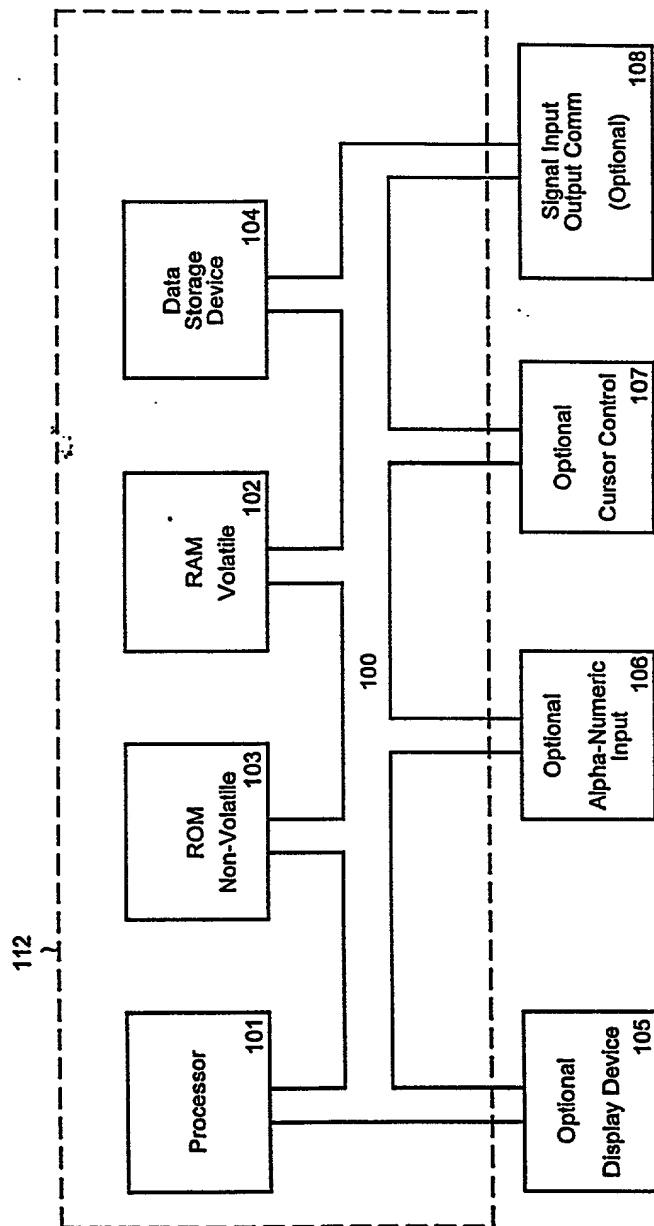


FIG. 2

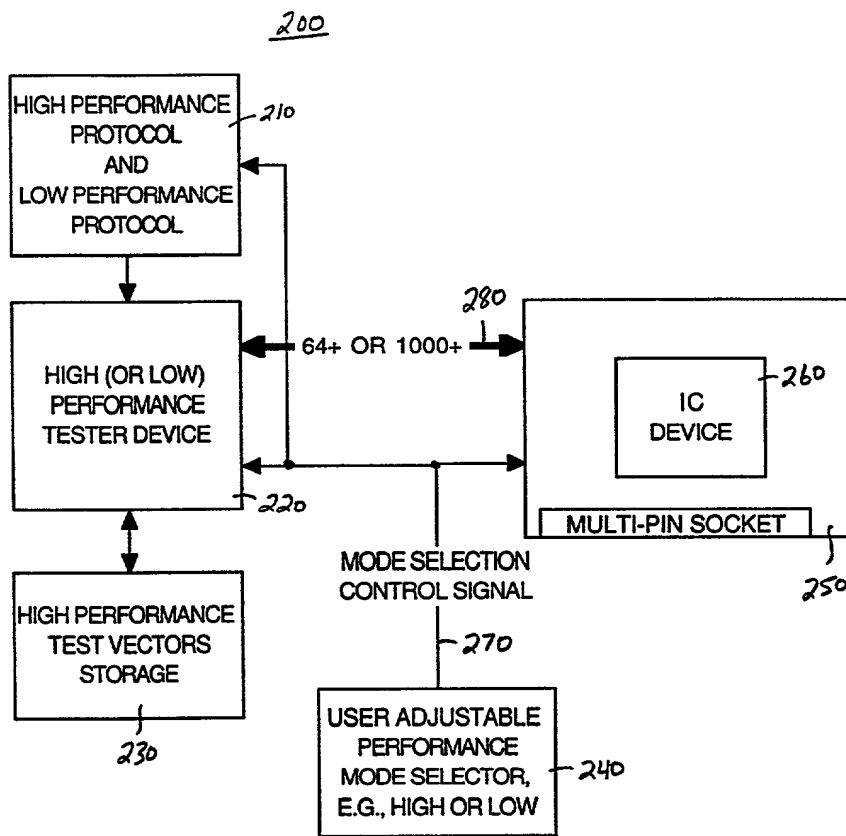


FIG. 3

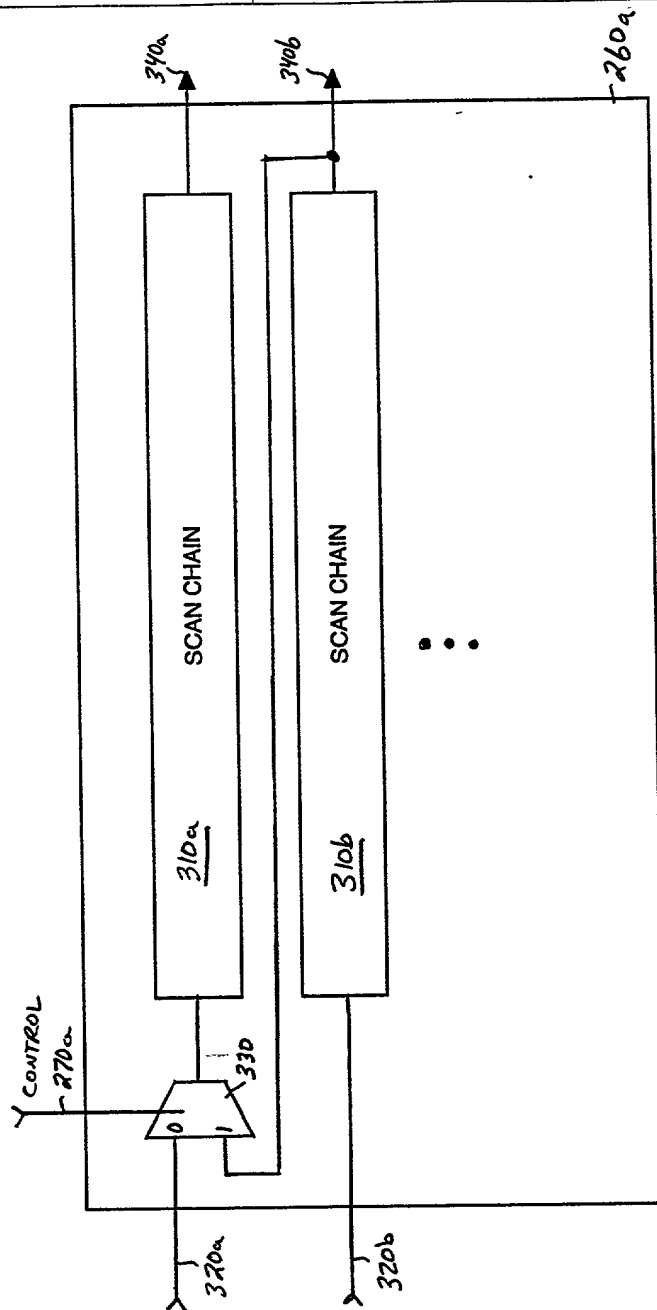


FIG. 4A

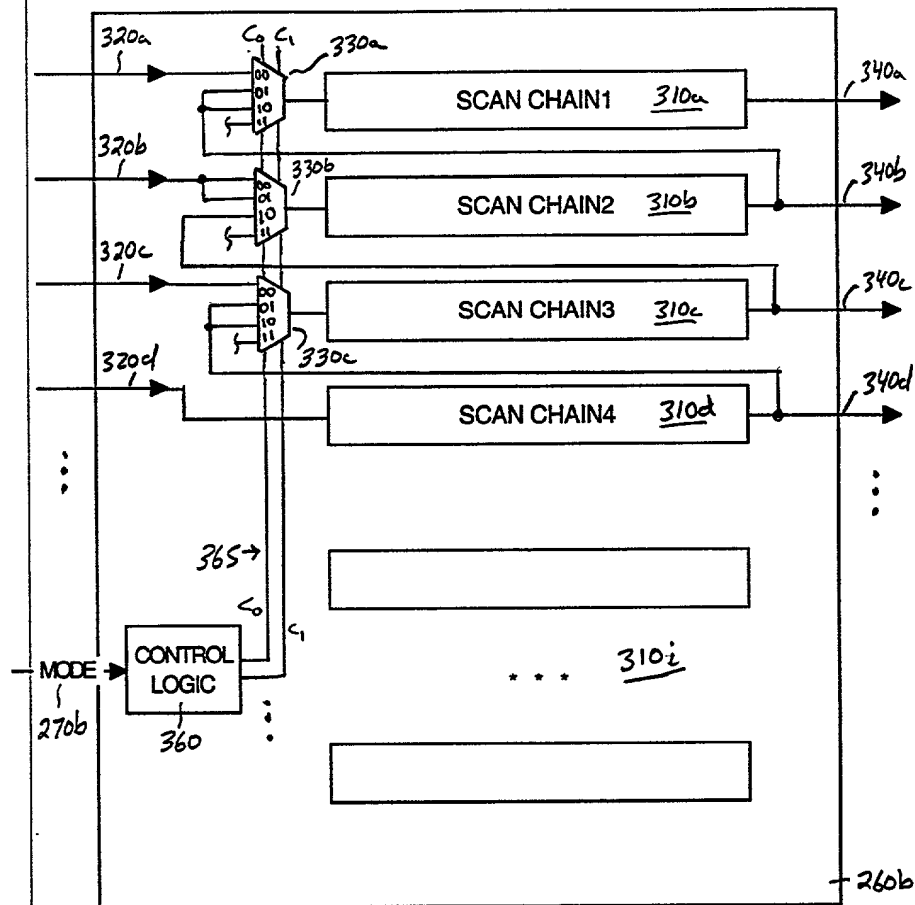


FIG. 4B

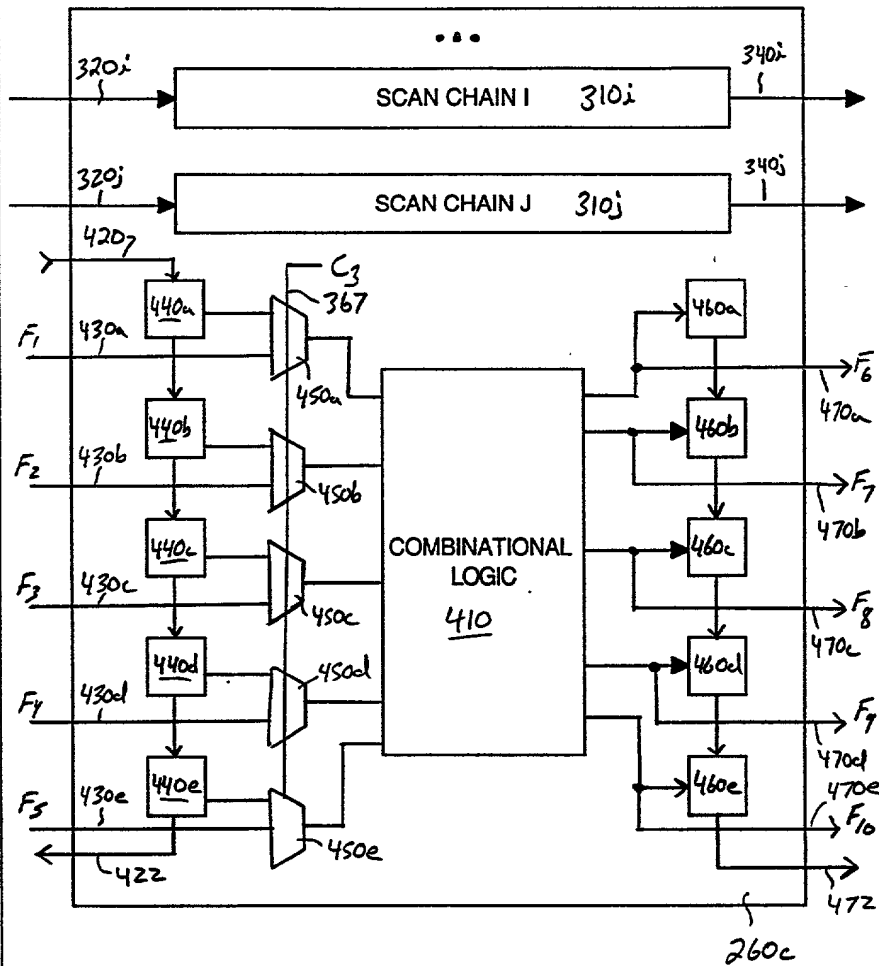
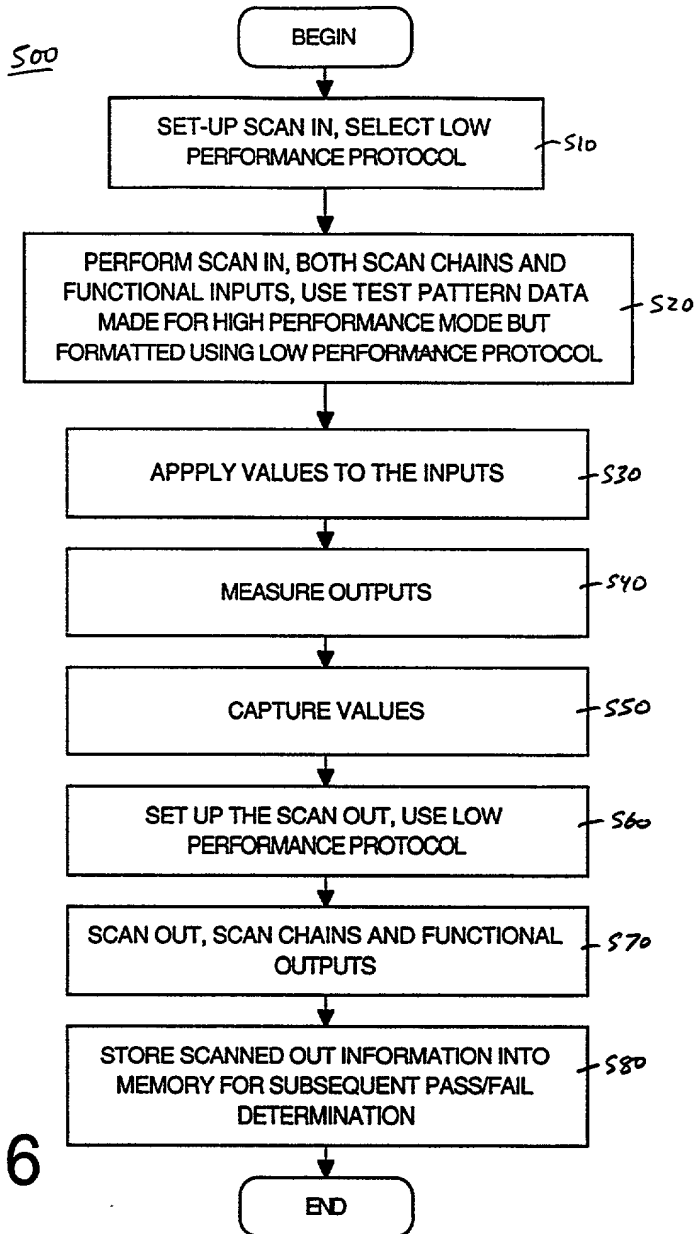


FIG. 5



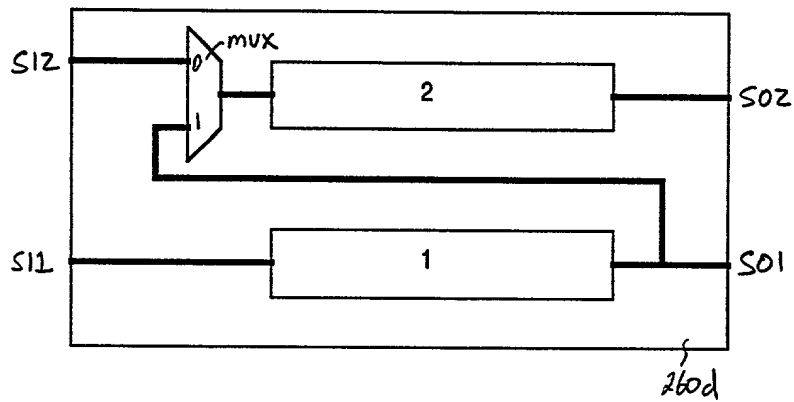


FIG. 7A

```

680 MacroDefs (
    Do_one_test (
        W normal_timing:
        C ( scan_enable = 1; control_inputs = 'control_inputs'; )
        If ( reconfig_signal == many_inputs )
        {
            Shift ( V ( si1 = 'si1'; si2 = 'si2'; so1 = 'so1_p'; so2 = 'so2_p'; clk = P; ) )
            C ( scan_enable = 0; )
            V ( func_inputs = 'func_inputs'; func_outputs = 'func_outputs'; ) ← 650
        }
        If ( reconfig_signal == few_inputs )
        {
            Shift ( V ( si1 = 'si1 si2'; so2 = 'so2 so1'; ← 660
                funcIn = 'func_inputs'; funcOut = 'func_outputs.p' clk = P; ) ← 670
            C ( scan_enable = 0; )
            V ( clk = P; ) ← 680
        }
    )
)

```

FIG. 7B